**Assignment#1**

**Due: 22 November 2021**

Write a C program that receives an integer array as a command line argument and calculates the sum of odd numbers by calling the functions given below. Your code should be run on a user-defined CPU number**. (HINT: Make use of CPU Affinity.)** You may create as many help functions as you need, other than these two.

* int sum\_even(int arr[], int size);
* int is\_even(int a);

**Sample:**

./a.out 1 2 3 4 5 6

Total CPU available is 0-7

Enter CPU # =2

Code is running on CPU 2

Sum of odd numbers = 9;

./a.out 2 4 6

Total CPU available is 0-7

Enter CPU # =1

Code is running on CPU 1

Sum of odd numbers = 0;